



S-12-76

Forest Insect & Disease Management

Detection Report

June 1976

EASTERN DWARF MISTLETOE FOUND ON TAMARACK
IN CHEQUAMEGON NATIONAL FOREST, WISCONSIN

by

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and

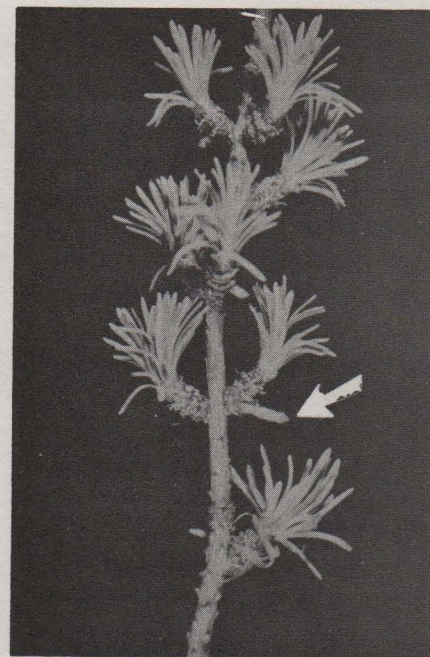
Ronald MacDonald, Technician



Broom on Tamarack.



Close-up of broom
caused by Eastern dwarf
mistletoe.



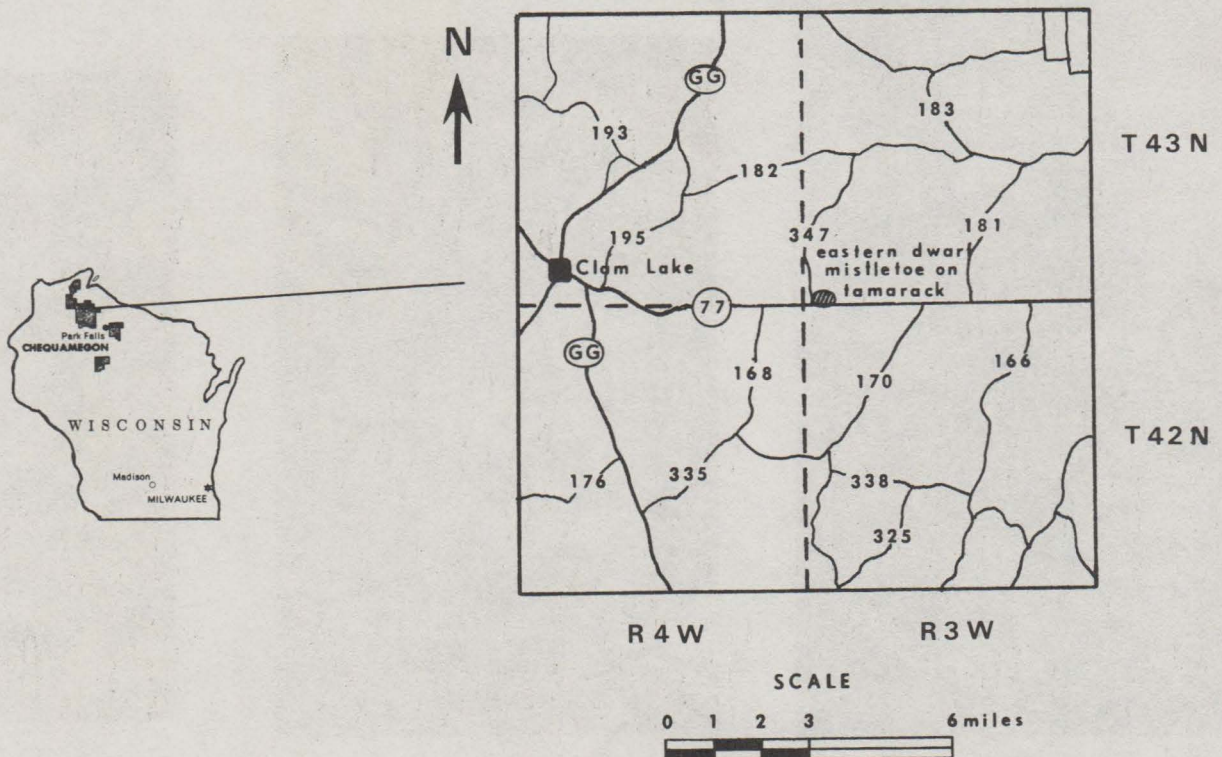
Mistletoe projecting
from Tamarack branch.

NORTHEASTERN AREA, STATE & PRIVATE FORESTRY
USDA FOREST SERVICE, UPPER DARBY, PA 19082

Eastern dwarf mistletoe Arceuthobium pusillum on tamarack (Larix laricina) was found in two stands on the Chequamegon National Forest. This mistletoe is a common parasite of black spruce in the Lake States. Both of these stands had a scattering of infected tamarack in addition to several infected black spruce. Branch and tree mortality was common on the tamarack.

Because of the low incidence (2 out of 60 stands examined) of the dwarf mistletoe on tamarack, we do not anticipate that the disease will cause serious damage to tamarack on the Chequamegon National Forest.

This is believed to be the first report of dwarf mistletoe on tamarack on the Chequamegon National Forest and the third from Wisconsin.



Location of eastern dwarf mistletoe on tamarack on the Chequamegon N. F.